



REVISIONS					
REV	ZONE	DESCRIPTION	BY	DATE	APPD
-	ALL	INITIAL ISSUE	AMSEC	6/07	
A	ALL	REVISED DRAWING TO INCLUDE EQPT CONTROLLERS	AMSEC	6/26	
B	ALL	DRAWING REVISED TO REFLECT AS-BUILT CONDITIONS BASED ON SHIPCHECK OF 09/07.	AMSEC	10/07	
C	ALL	DRAWINGS REVISED TO REFLECT POST PHASE 2 CONVERSION ACCOMPLISHMENT AND IS BASED ON CONDITIONS FOUND DURING A SHIPCHECK CONDUCTED 11-12 FEBRUARY 2009. PHASE 2 CONVERSION INCLUDED THE FOLLOWING MAJOR MODIFICATIONS: 1. MISSION SPACE MODIFICATIONS TO LABORATORY COMPLEX AND MISSION CONTROL ELECTRONIC SPACES. 2. ROV HANDLING PLATFORM AND TRACK. 3. J-FRAME INSTALLATION. 4. MAIN MAST MODIFICATIONS & SEATEL INSTALLATION. 5. MACHINERY FOUNDATION MODS - GENERAL PURPOSE WINCH AND MG SET REPLACEMENT. 6. WASTE WATER HOLDING TANK (3-25-0-W) MODIFICATION. 7. STBD WORK BOAT AND VESTDAVIT, SEE GENERAL NOTE 8. 8. INCORPORATED NOAA COMMENTS PROVIDED BY EMAILS DATED 4/28/09, 4/29/09, 5/07/09.	AAA	4/09	
D	E39, E55	TWO SQUARE HATCHES REPLACED BY ONE OVAL ONE TO REDUCE MAINTENANCE COSTS	NOAA	10/13	

GENERAL NOTES

1. THE PURPOSE OF THIS DRAWING IS TO SHOW THE GENERAL ARRANGEMENT OF THE NOAA RESEARCH SHIP *OKEANOS EXPLORER*.
 2. ALL WORK (TO INCLUDE MATERIALS, WORKMANSHIP, AND ENGINEERING DESIGNS) SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND SHALL MEET APPLICABLE "AMERICAN BUREAU OF SHIPPING" (ABS), CFR 46, AND SOLAS REQUIREMENTS.
 3. ABBREVIATIONS ARE IN ACCORDANCE WITH ASME Y14.38-1999.
 4. ALL FEATURES ARE EXISTING UNLESS NOTED: (N) NEW, (M) MODIFIED, (R) RELOCATED.
 5. WHERE EQUIPMENT MANUFACTURER/MODEL IS IDENTIFIED SUBSTITUTIONS MUST BE APPROVED BY NOAA AS HAVING EQUAL SALIENT FEATURES AND QUALITY OF CONSTRUCTION. IN ADDITION, THE PROPOSED SUBSTITUTE MUST BE SHOWN TO BE SUITABLE FOR INTEGRATION INTO THE SYSTEM WITHOUT HAVING A NEGATIVE IMPACT ON THE OVERALL ARRANGEMENT, PERFORMANCE, MAINTENANCE OR ACCESS TO THE SPACE.
 6. CLEAR HEAD ROOM IN NORMALLY OCCUPIED SPACES SHALL BE AS HIGH AS POSSIBLE, BUT NOT LESS THAN 6 FEET 9 INCHES.

CONTINUED IN ZONE 3C

GENERAL NOTES (CONTD)

7. THIS DRAWING REFLECTS CONDITIONS FOUND DURING A SHIPCHECK CONDUCTED 11-12 FEBRUARY 2009 FOLLOWING COMPLETION OF PHASE 2 CONVERSION MODIFICATIONS ACCOMPLISHED BY REFERENCES 16 THROUGH 24.

8. STBD WORK BOAT AND VESTDAVIT WAS NOT INSTALLED AT TIME OF SHIPCHECK. THIS DRAWING REVISION REFLECTS WORK INSTALLED IN ACCORDANCE WITH REFERENCE 2, MIRROR IMAGE OF RESCUE BOAT.

24	MAIN MAST SCANTLING MOD 3.7M SEATEL INSTALL	OE-170-001
23	WASTE WATER HOLDING TANK MOD (3-25-0-W)	OE-123-002
22	FOUNDATION MODS M/G SET REPLACEMENT	OE-183-001
21	J-FRAME FABRICATION AND INSTALLATION	OE-574-001
20	ROV HANDLING PLATFORM & TRACK	OE-570-001
19	FOUNDATION GENERAL PURPOSE WINCH	OE-185-001
18	LABORATORY COMPLEX ARRANGEMENTS	OE-665-003
17	ARR OF SHIP & MISSION CONTROL ELEC SPACES	OE-665-002
16	ARR OF MISSION DECK EQUIPMENT AND RIGGING	OE-665-001
15	MACHINERY ARRANGEMENT	OE-201-101
14	TRANSDUCER FAIRING STRUCTURAL MODS	OE-165-101
13	TRANSDUCER ARRANGEMENT	OE-461-003
12	AFTER ZONE BELOW MAIN DECK STRUCTURAL MODS	OE-130-101
11	STRUCTURAL MODIFICATIONS MISSION DECK AND ABV	OE-150-101
10	ROV GARAGE ARRANGEMENT & DETAIL	OE-660-101
9	MOORING ARRANGEMENT	OE-582-101
8	FORECAST	OE-170-101
7	BOW THRUSTER ZONE STRL MODS	OE-100-101
6	ARR STERN THRUSTER RM, TRACTION WINCH RM & SCIENTIFIC STRM	OE-568-101
5	ARRANGEMENT ROV WORKSHOP & DIVE LOCKER	OE-660-102
4	ARRANGEMENT MISSION DECK RIGGING AND EQPT	OE-570-101
3	ARRANGEMENT BOW THRUSTER ELEC MOTOR ROOM	OE-568-102
2	ARRANGEMENT BOAT HANDLING	OE-583-101
1	ANTENNA ARRANGEMENT	OE-405-101
NO	TITLE	DRAWING NO.

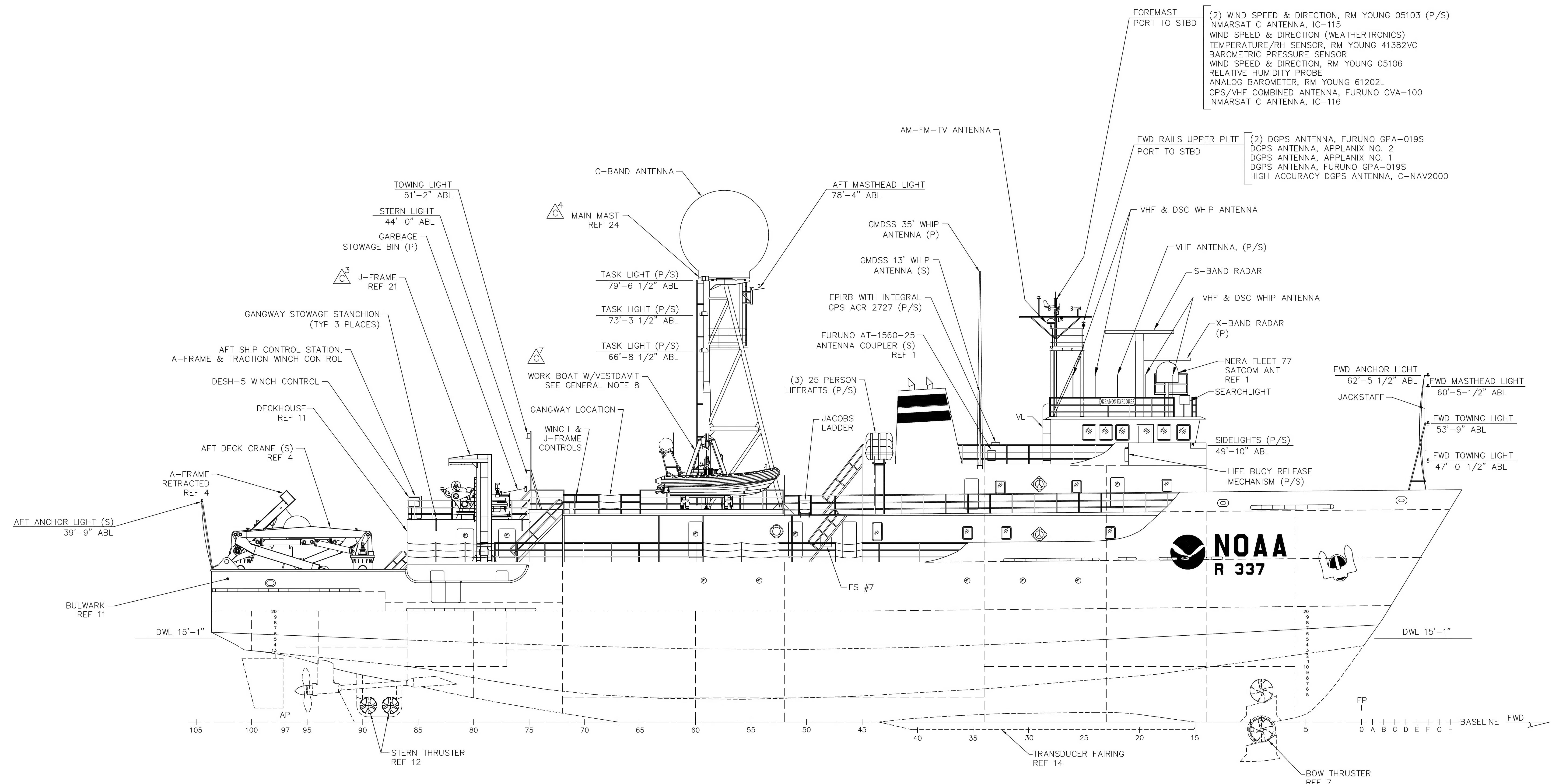
REFERENCES

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
OFFICE OF NOAA CORPS OPERATIONS

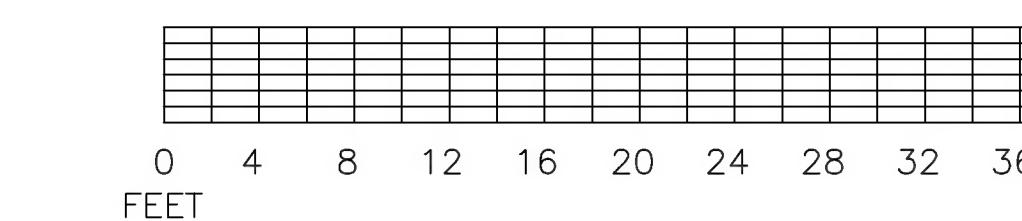
PROJECT ENGR	DATE	NOAA SHIP <i>OKEANOS EXPLORER</i>		
ASST PROG MGR	DATE	GENERAL ARRANGEMENT		
PROGRAM MGR	DATE	SIZE	CAGE CODE	NOAA DRAWING NUMBER
DESIGNED	NN & SMC	11/06	F	0YLJ5
CHECKED	P. CHIAVETTA	06/07		OE-601-101
REVIEWED	G. HABERMAN	06/07	APPROVED FOR NOAA	D
APPROVED	G. HABERMAN	06/07	SCALE: AS NOTED	REV D CAD FILENAME: OE-601-101.DWG SHEET 1 OF 8

NOAA APPROVAL	NOAA APPROVAL			
ART ANDERSON	ART ANDERSON			
ASST PROG MGR	DATE			
PROGRAM MGR	DATE			
NO	TITLE	DRAWING NO.		
REFERENCES	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION OFFICE OF NOAA CORPS OPERATIONS			
PROJECT ENGR	DATE	NOAA SHIP <i>OKEANOS EXPLORER</i>		
ASST PROG MGR	DATE	GENERAL ARRANGEMENT		
PROGRAM MGR	DATE	SIZE	CAGE CODE	NOAA DRAWING NUMBER
DESIGNED	NN & SMC	11/06	F	0YLJ5
CHECKED	P. CHIAVETTA	06/07		OE-601-101
REVIEWED	G. HABERMAN	06/07	APPROVED FOR NOAA	D
APPROVED	G. HABERMAN	06/07	SCALE: AS NOTED	REV D CAD FILENAME: OE-601-101.DWG SHEET 1 OF 8

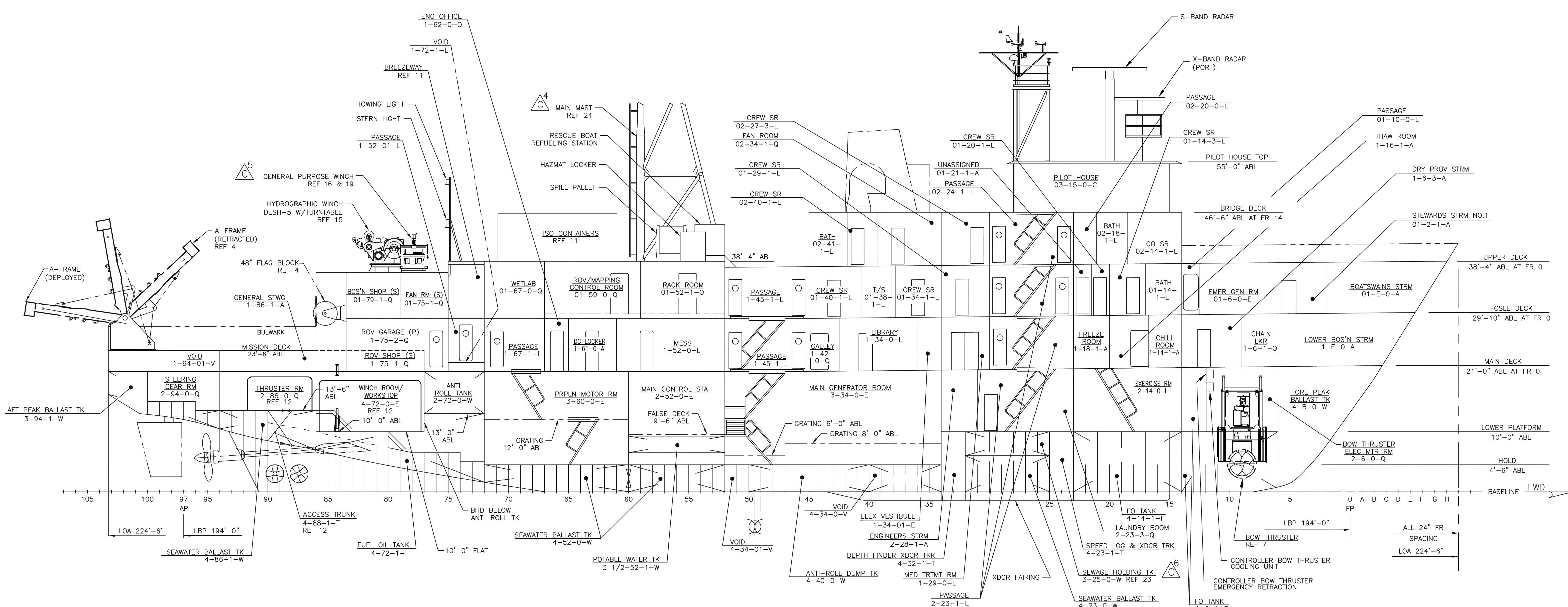
E



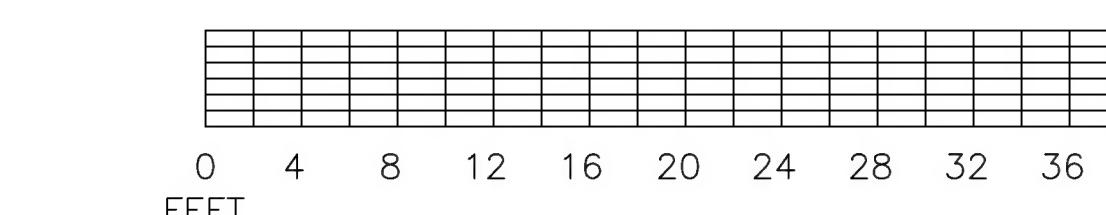
ELEVATION 12-B B



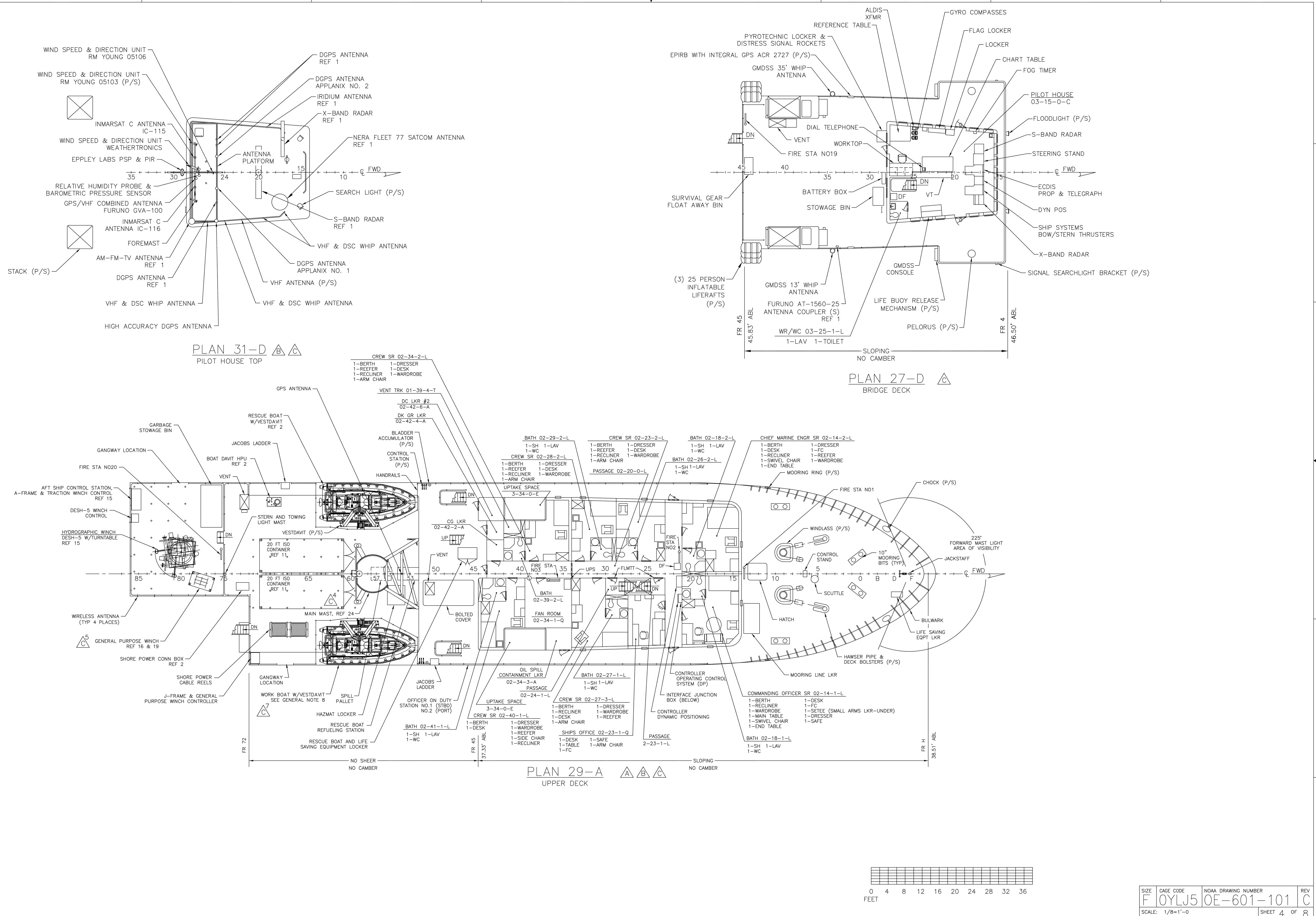
SIZE F	CAGE CODE 0YLJ5	NOAA DRAWING NUMBER OE-601-101	REV C
SCALE: 1/8=1'-0		SHEET 2 OF 8	

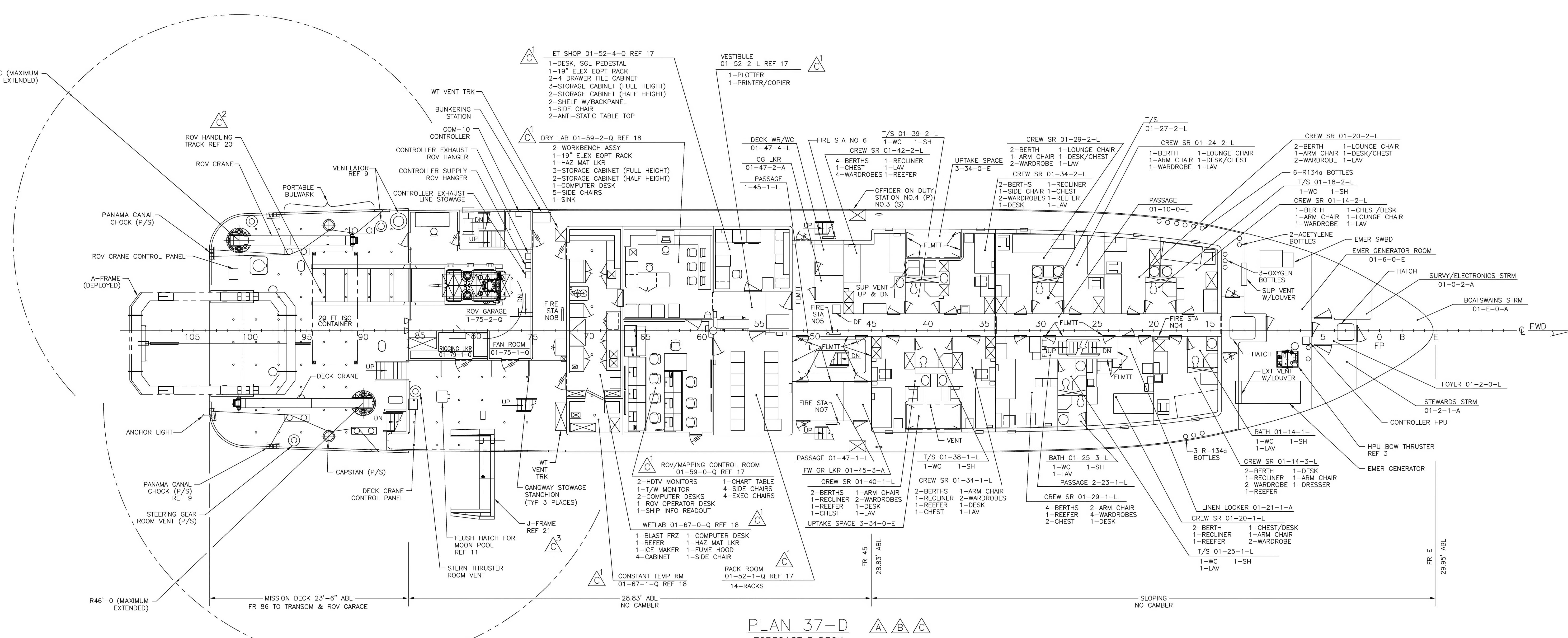


ELEVATION 20-B

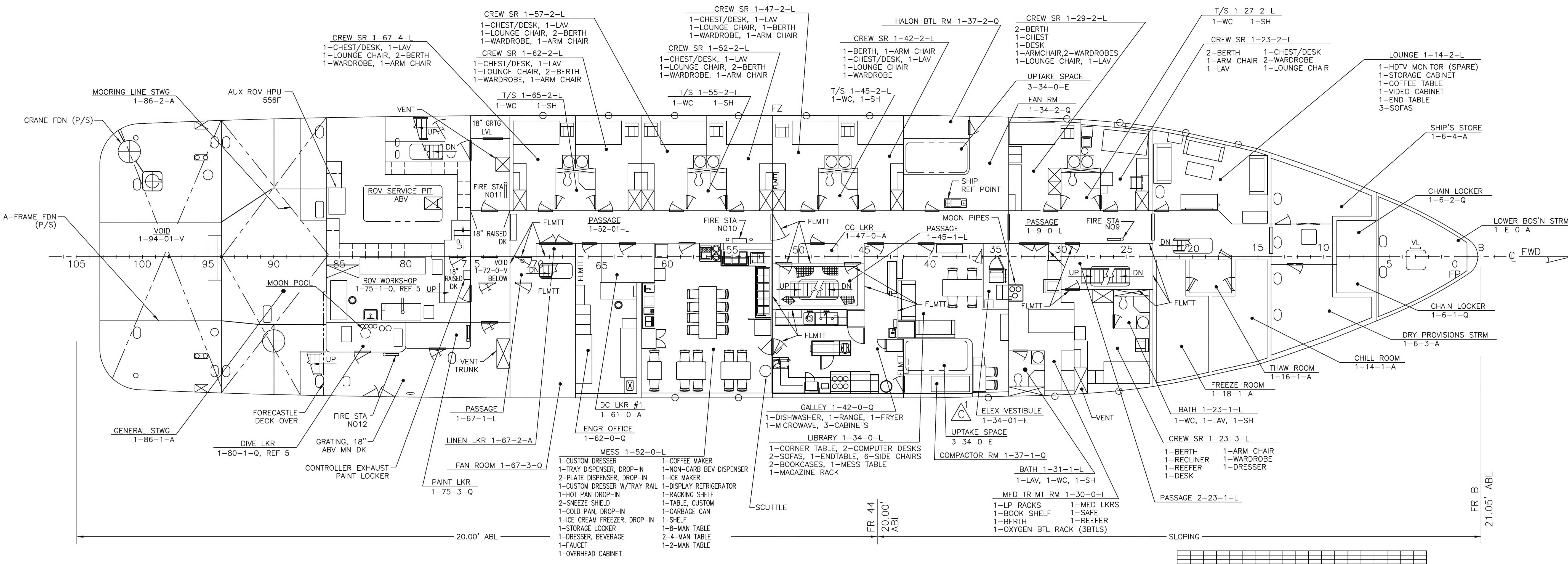
INBOARD PROFILE
MAIN MAST NOT SHOWN FOR CLARITY

SHEET 3 OF 8
ACAD FILE NAME: OE-601-101.DWG
SIZE: F CAGE CODE: 0YLJ5 NOAA DRAWING NUMBER: OE-601-101 REV: C
SCALE: 1/8=1'-0"



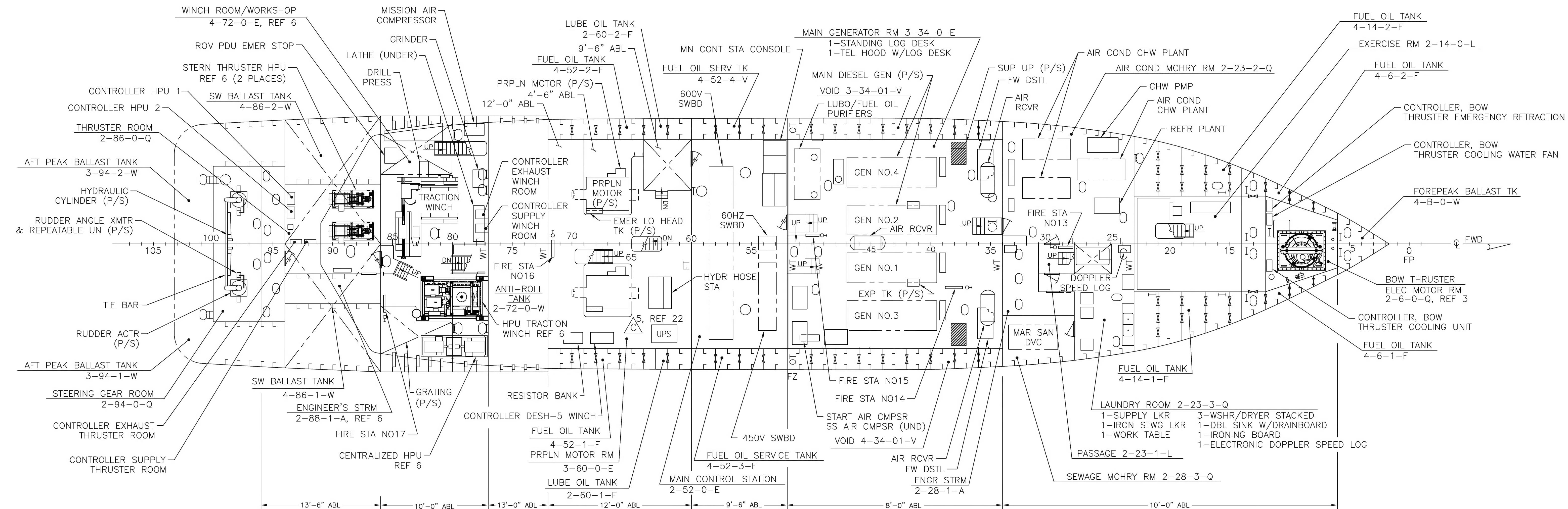


PLAN 37-D
FORECASTLE DECK

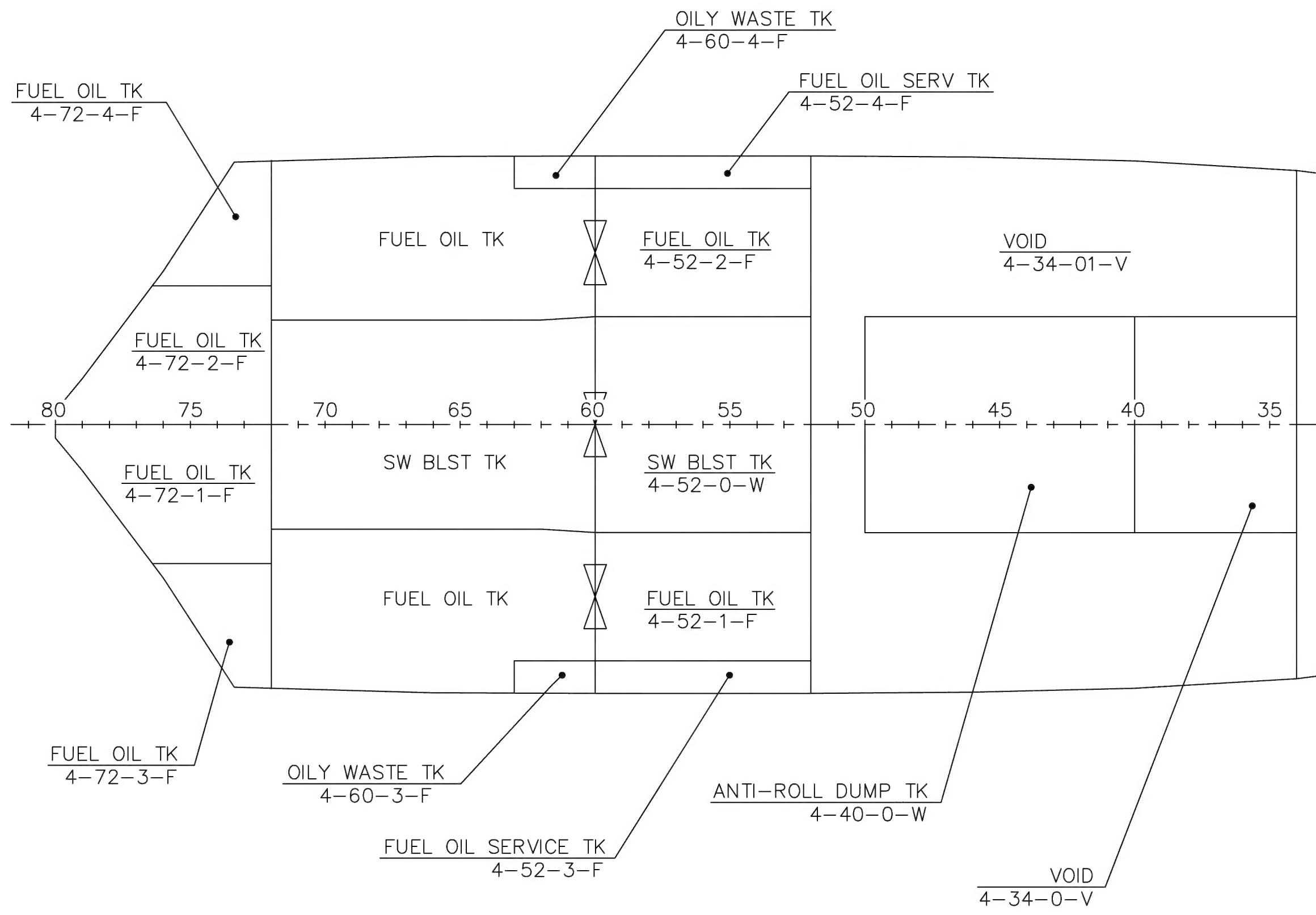


PLAN 37-A
MAIN DECK

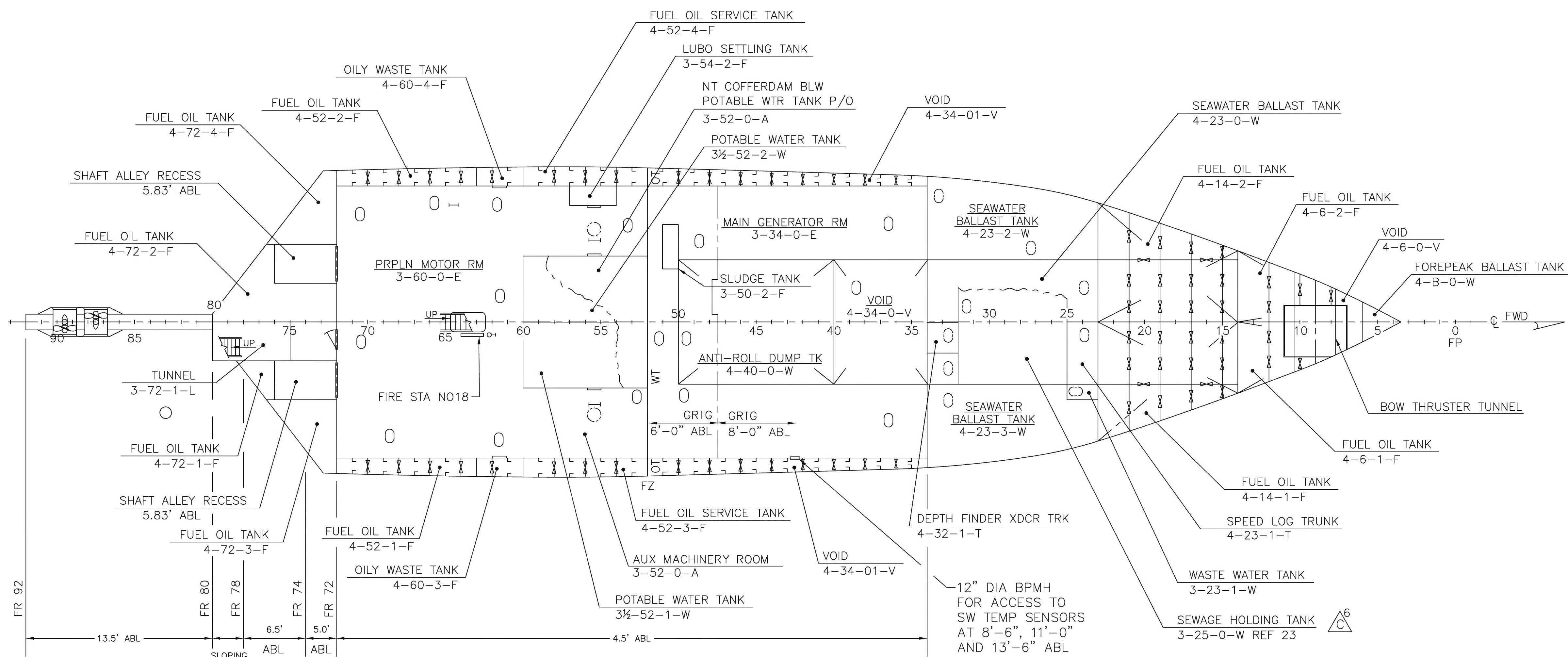
SIZE F	CAGE CODE OYLJ5	NOAA DRAWING NUMBER OE-601-101	REV D
SCALE: 1/8=1'-0		SHEET 5 OF 8	



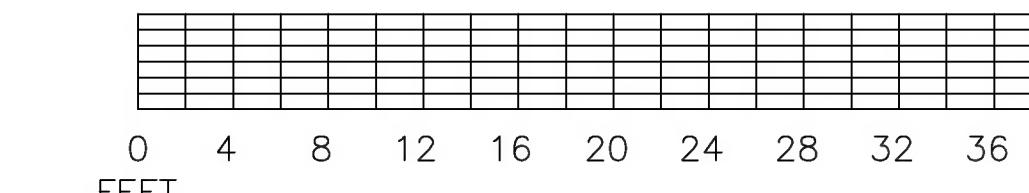
PLAN 45-D LOWER DECK



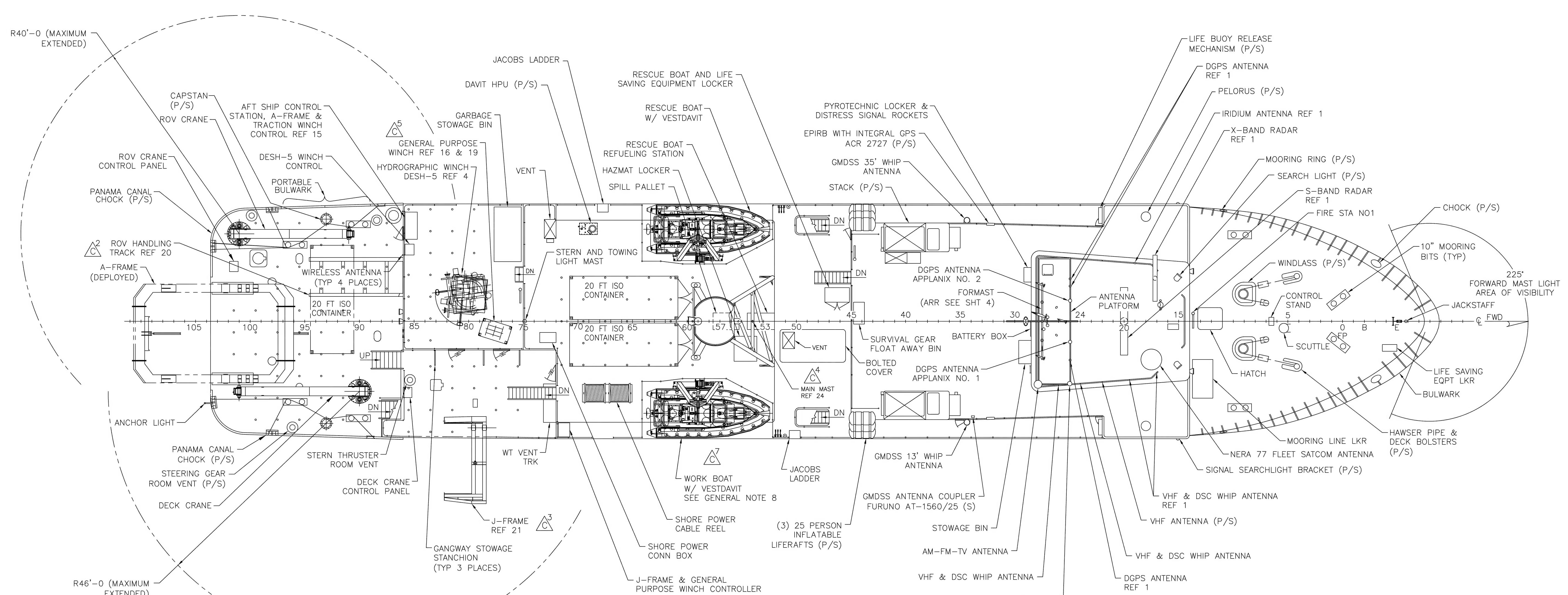
PLAN 47-A
INNERBOTTOM



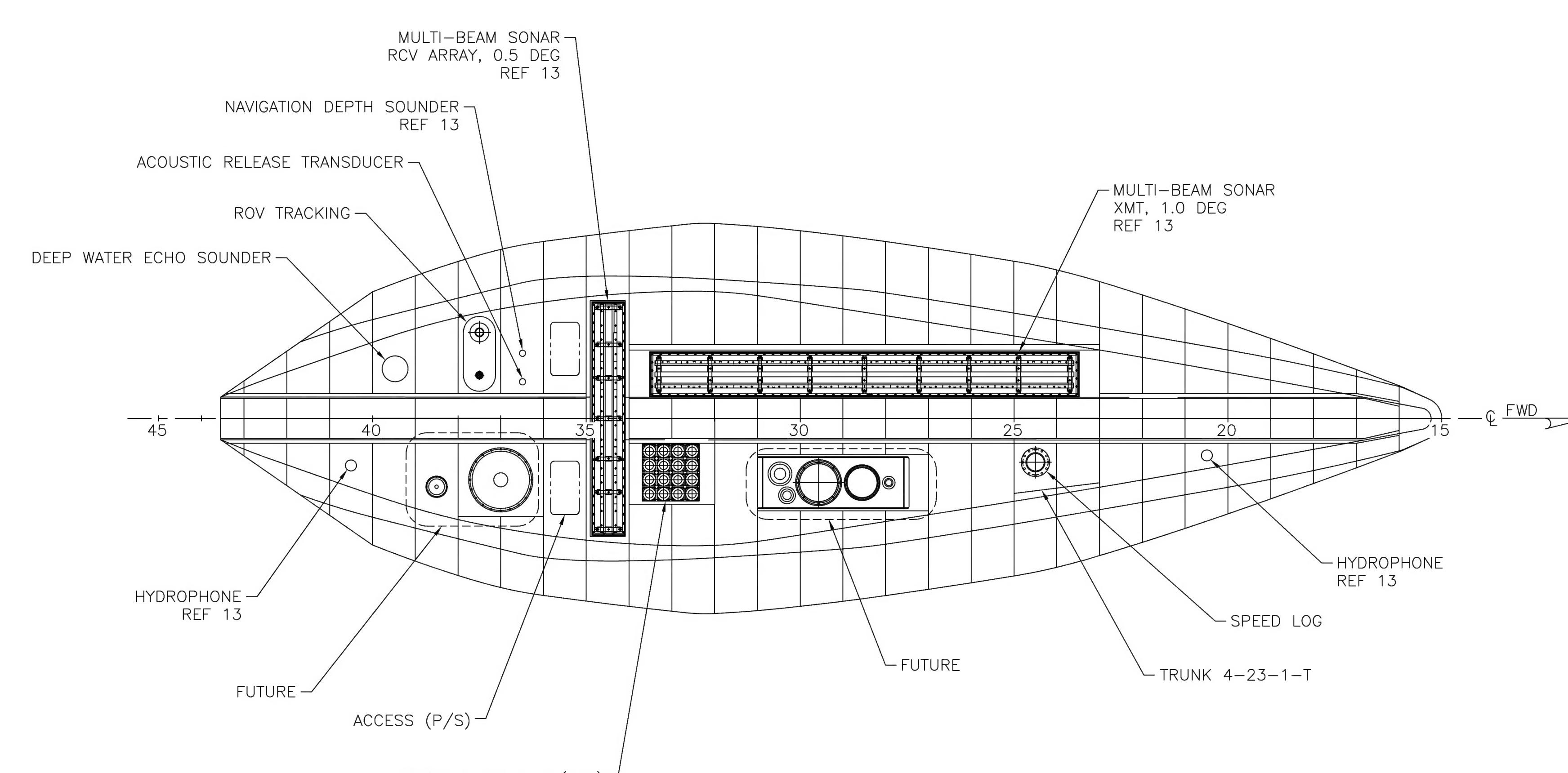
PLAN 44-A HOLD



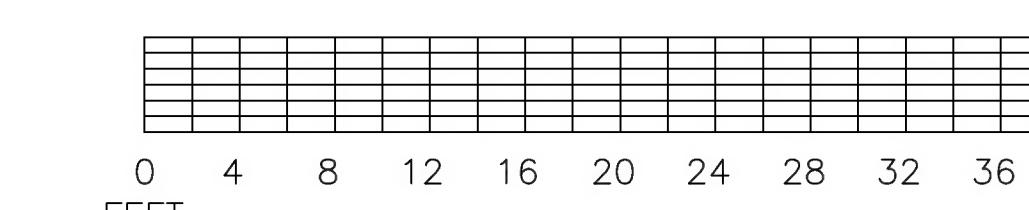
SIZE	CAGE CODE	NOAA DRAWING NUMBER
F	OYLJ5	OE-601-101
SCALE: 1/8=1'-0"		REV C
		SHEET 6 OF 8



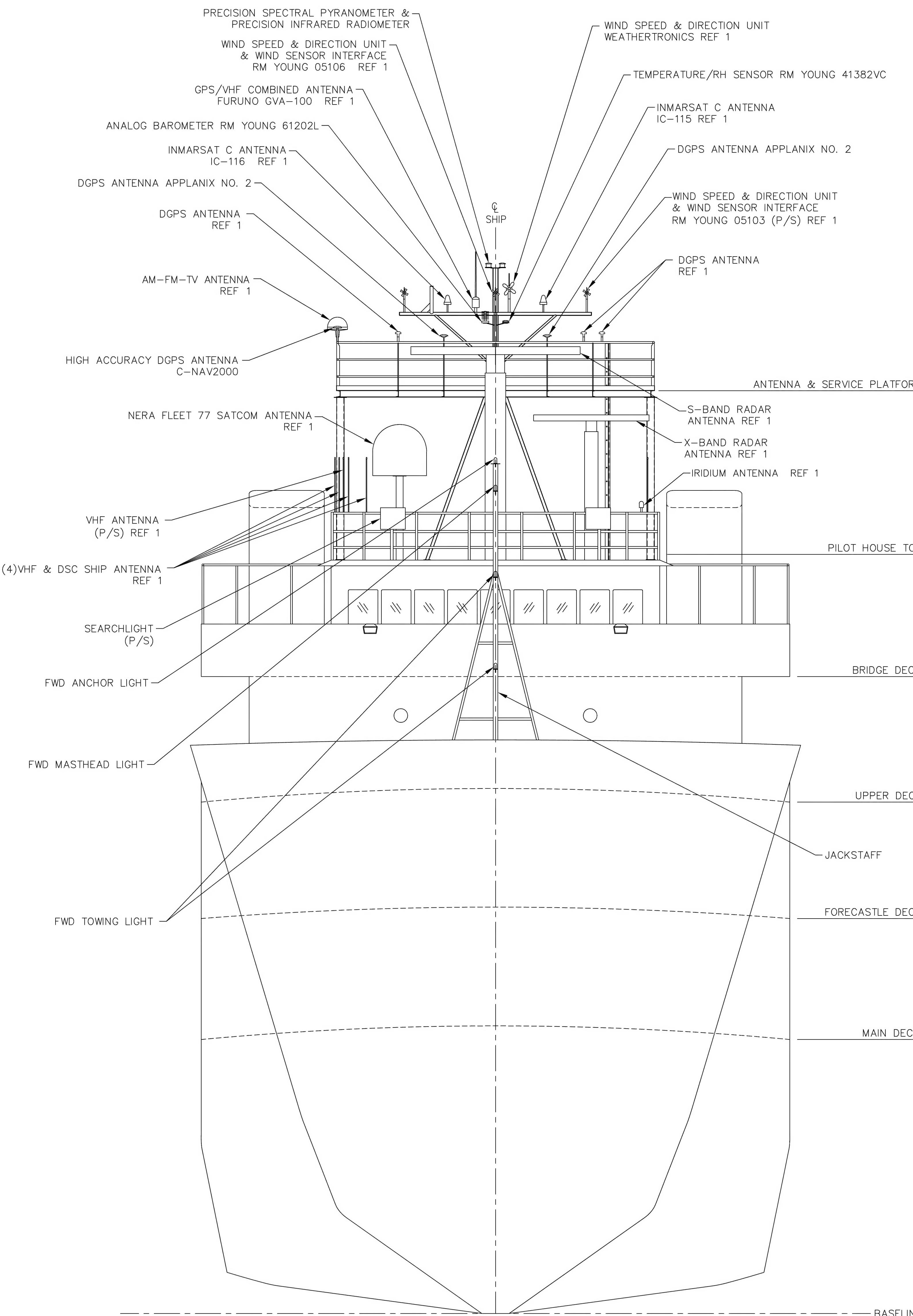
PLAN 52-D 
TOPSIDE ARRANGEMENT



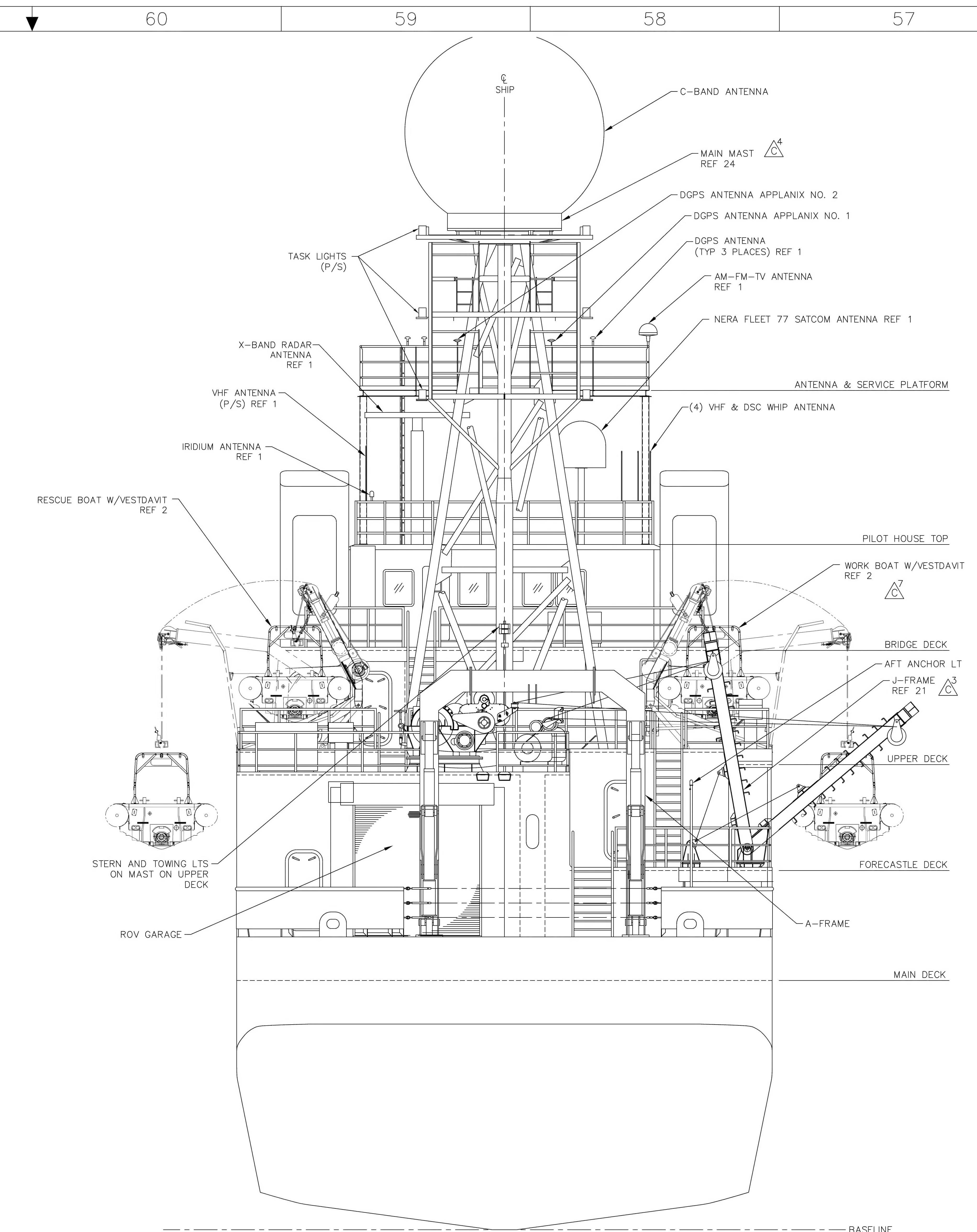
PLAN 52-A
TRANSDUCER FAIRING ARRANGEMENT
AS SHOWN BELOW KEEL
SCALE: 1/4"-1'-0"



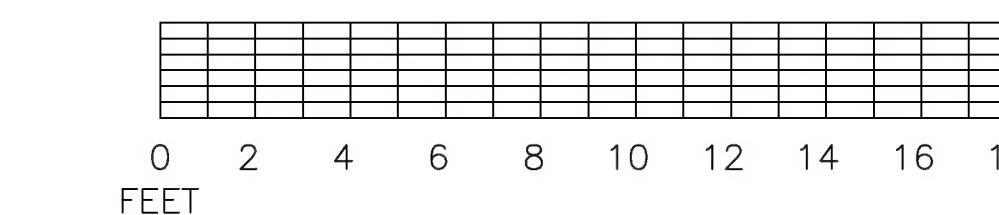
SIZE F	CAGE CODE OYLJ5	NOAA DRAWING NUMBER OE-601-101	REV D
SCALE: 1/8-1'-0" & AS NOTED		SHEET 7 OF 8	



SECTION 62-A ▲ ▲
BOW PROFILE
MAIN MAST NOT SHOWN FOR CLARITY



SECTION 58-A ▲ ▲
STERN PROFILE



SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	OYLJ5	OE-601-101	C
SCALE: 1/4=1'-0		SHEET 8 OF 8	